# Task 4: Database Backup and Recovery - Internship Report

## Objective:

To demonstrate how to back up a MySQL database and restore it in case of failure.

## Steps Followed:

1. Opened MySQL Workbench and selected the 'sql\_internship' database.

2. Went to 'Server > Data Export' and chose 'Export to Self-Contained File'.

3. Saved the backup as 'sql\_internship\_backup.sql' and clicked 'Start Export'.

4. Created a new empty database named 'sql\_internship\_recovered'.

5. Opened 'Server > Data Import' and selected the backup file.

6. Imported the backup into the 'sql\_internship\_recovered' database.

7. Verified the recovery by running SELECT queries on the restored table.

## Tools Used:

- MySQL Workbench (for exporting and importing the database)

- Manual SQL commands for database creation and verification

## Result:

The database was successfully backed up and restored. The restored database contained all the original records, confirming that backup and recovery were successful.

## Verification Command:

SELECT \* FROM Sales;

SELECT COUNT(\*) FROM Sales;